



September 10, 2014

Mr. John Lovell
United States Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103-2029

RECEIVED
EPA REGION III

SEP 15 2014

NPDES PERMITS BRANCH
(3WP41)

Dear Mr. Lovell:

**SUBJECT: Process Waste Water Discharge Follow-up on Sampling
PAP245985 Sapa**

Sapa reported in its DMR dated 7/2/2014 that we exceeded our limit for O&G from WWTS-1 (Anodizing Wastewater Discharge). Re-sampling on 8/21/2014 indicated compliance (non-detect). Operational controls including separation of certain fabrication wastewater from that system appear to be effective.

Sapa also reported exceedances of O&G, Chromium, and Zinc from WWTS-2 (Fabrication Discharge). Re-sampling of those parameters indicate that the operational controls applied thus far have not been effective. Additional controls, including piping of this discharge to the Anodizing Wastewater Treatment System are being implemented.

Also, Sapa has conducted sampling and analysis of both discharge points for Total Toxic Organics (TTO). Those results are ND for all TTO constituents (results are attached). Sapa requests that EPA provide TTO limits based on the production rates that were used for the O&G Limits.

The flow rate for the day of sampling 8/21/14 was the following:

WWTS-1 – 120,721 gallons

WWTS-2 – 1,400 gallons

WWTS-1 Anodizing

	Max Mass Limit Lbs/day	Mo Avg Mass Limit Lbs/day	8/21/2014 Lbs/day
O&G	7.2640	7.2640	ND

SAPA Extruder, Inc.

Mountain Top Operation, 330 Elmwood Avenue, Crestwood Industrial Park, Mountain Top, PA 18707
Telephone: (570) 474-5935 Fax (main): (570) 474-6220 Fax (sales): (570) 474-6846

WWTS-2 Fabrication

	Max Mass Limit Lbs/day	Mo Avg Mass Limit Lbs/day	8/21/2014 Lbs/day
O&G	0.00471	0.00471	0.37480
Cr	0.00053	0.00021	0.00068
Zn	0.00144	0.00060	0.00155

If you need clarification or require something in addition to what I have, please contact me.

Sincerely,

Linda Campbell

Linda Campbell
Environmental, Health, Safety/Training & Dev. Coordinator

cc: Mr. Robert Hansford
Mr. Clay Long
File

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Report Narrative

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

Report Date: 9/3/2014

Page 1 of 3

HawkMtn WO #: 1408-00836
Subject Line: Samples from Fabrication & Anodizing

Any information provided by client (CLT) has not been performed by HML and is not within the HML NELAP scope of accreditation.

Data Qualifiers:

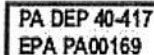
A = Insufficient sample to run all required quality control
B = Analyte found in the method blank
C = Analyte has been confirmed by another instrument or method
D = Sample or extract was analyzed at a higher dilution.
E = Analyte exceeds the upper limit of the calibration curve
F = Lab fortified blank had a difference outside the QC limits
G = Failure in the ending calibration check. The average sum for the ending calibration check meets method requirements.
H = Sample run past hold time
I = Initial Calibration Verification was outside QC limits
J = Estimated concentration of an analyte between MDL (LOD) and Reporting Limit (LOQ)
K = Dissolved sample was not run because total was non-detect
L = Sample not received in proper container
M = Matrix spike recovery was outside QC limits
N = Analyte included on HML's NELAP scope of accreditation
Q = Second Source Calibration Verification was outside QC limits
R = Duplicate/Matrix spike duplicate had a relative percent difference outside QC limits
S = Surrogate out of control limits
V = Continuing Calibration Verification was outside QC limits
X = User defined data qualifier
NA = Not Applicable

The test results meet the requirements of the 2009 TNI Standard and the 25 PA Code, Chapter 252, except where noted.

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and that of the client. It cannot be reproduced in any form without the consent of Hawk MTN Labs, Inc. or the client for which this report was issued. The results contained in this report(s) are only representative of the sample(s) received. Conditions are dependant on location and time of the sampling event.

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Certificate of Analysis

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

Report Date: 9/3/2014

Page 2 of 3

Material Tested: Waste Water
Date Sampled: 08/21/2014 Time Sampled: 12:30
Date Received: 08/21/2014

HawkMtn WO #: 1408-00836-001
Sampler: CLIENT
Sample Point ID: Fabrication

Client Sample ID: Sample from Fabrication

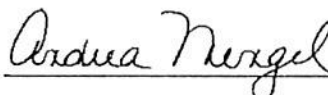
<u>Test Name</u>	<u>Test Results</u>	<u>Qual</u>	<u>Method</u>	<u>Quant</u> <u>Limit</u>	<u>Tech</u>	<u>Start</u> <u>Date/Time</u>	<u>End</u> <u>Date/Time</u>
Oil and Grease	32.1 mg/l	N	EPA 1664 A	4.0	JB	8/26/14 6:50	
Chromium, Total ICP-MS	0.0584 mg/l	N	EPA 200.8	0.001	EW	8/25/14 0:00	
Zinc, Total	0.133 mg/l	N	EPA 200.7	0.02	CS	8/26/14 15:30	
Transported on loose ice	YES			0	JZO	8/21/14 14:40	
Temp Upon Receipt	14.2 C			0	JZO	8/21/14 14:40	

These results relate only to the sample noted above.

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Ronald Andrae, Technical Director



Andrea Mengel, Quality Director

HAWKMTN LABS, INC.

201 W. Clay Ave., Hazle Township, PA 18202
Phone (570) 455-6011 Fax (570) 455-6321

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

Chain of Custody

Matrix: Waste Water

Subject Line: Samples from Fabrication & Anodizing
Work Order #: 1408-00836 **Sample ID:** Fabrication
Sample 001: Sample from Fabrication

Transported on loose ice QC-ICE YES
Temp Upon Receipt QC-TEMPREC 14.2 °C

Tech JZO
Bottles: ☒ 2 Glass Liter H₂SO₄
☒ 250 ml plastic HNO₃

pH 3.2 Cl --- Tech JZO

Transported on ice?	<input checked="" type="checkbox"/>	N
COC intact and complete?	<input checked="" type="checkbox"/>	N
Correct containers?	<input checked="" type="checkbox"/>	N
Adequate samples?	<input checked="" type="checkbox"/>	N
Voluntarily-headspace present?	<input checked="" type="checkbox"/>	N
Completed by:	<u>JZO</u>	N
Samples/COC/Analysis agree?	<input checked="" type="checkbox"/>	N

Printed By: DJH Printed On: 8/14/2014 Approved By: [Signature]

End Time/Date:

Sampling Comments: Bottles Made By: LZZ Bottles Checked By: [Signature] Composite Sample: Start Time/Date: 8/21/14 12:30 PM

NOTES:	Sampled By:	<u>[Signature]</u>	Date:	<u>8/21/14</u>	Time:	<u>12:30 PM</u>
	Relinquished By:	<u>[Signature]</u>		<u>8/21/14</u>		<u>1:00 PM</u>
	Received By:	<u>[Signature]</u>		<u>8/21/14</u>		<u>1400</u>
	Relinquished By:	<u>[Signature]</u>		<u>8/21/14</u>		<u>1440</u>
	Received at Lab By:	<u>[Signature]</u>		<u>8/21/14</u>		<u>1417</u>
	Logged in By:	<u>[Signature]</u>				

Certificate of Analysis

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

Report Date: 9/3/2014

Page 3 of 3

Material Tested: Waste Water
Date Sampled: 08/21/2014
Date Received: 08/22/2014
Time Sampled: 8:30

HawkMtn WO #: 1408-00836-002
Sampler: CLIENT
Sample Point ID: Anodizing

Client Sample ID: Sample from Anodizing

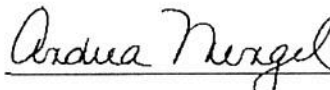
<u>Test Name</u>	<u>Test Results</u>	<u>Qual</u>	<u>Method</u>	<u>Quant</u> <u>Limit</u>	<u>Tech</u>	<u>Start</u> <u>Date/Time</u>	<u>End</u> <u>Date/Time</u>
Oil and Grease	<4.0 mg/l	N	EPA 1664 A	4.0	JB	8/26/14 6:50	
Transported on loose ice	YES			0	LL	8/22/14 13:00	
Temp Upon Receipt	8.2 C			0	LL	8/22/14 13:00	

These results relate only to the sample noted above.

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Ronald Andrae, Technical Director



Andrea Mengel, Quality Director

Samples Intact?	<u>Y</u>	N
Transported on ice?	<u>Y</u>	N
COC intact and complete?	<u>Y</u>	N
Correct containers?	<u>Y</u>	N
Adequate samples?	<u>Y</u>	N
Volatiles: headspace present?	<u>Y</u>	N
Completed by:	<u>Y</u>	N
Samples/COC/Analysis agree?	<u>Y</u>	N

HAWKMTN LABS, INC.
201 W. Clay Ave., Hazle Township, PA 18202
Phone (570) 455-6011 Fax (570) 455-6321
Chain of Custody

Matrix: Waste Water
Subject Line: Samples from Fabrication & Anodizing
Work Order #: 1408-00836 Sample ID: Anodizing
Sample 002: Sample from Anodizing

Transported on loose ice QC-ICE yes
Temp Upon Receipt QC-TEMPREC 8.2°C

Tech LL
LL
Bottles: 2 Glass Liter H_2SO_4

pH LL
Cl LL
Tech LL

Printed On: 8/14/2014

Approved By: [Signature]

Printed By: [Signature]

Sampling Comments:

Bottles Made By: L2 Bottles Checked By: [Signature] Composite Sample: Start Time/Date: _____ End Time/Date: _____

NOTES:

Sampled By:	<u>[Signature]</u>	Date:	<u>8-21-14</u>	Time:	<u>8:30am</u>
Relinquished By:	<u>[Signature]</u>		<u>8-21-14</u>		<u>8:30am</u>
Received By:	<u>[Signature]</u>		<u>8/22/14</u>		<u>1230</u>
Relinquished By:	<u>[Signature]</u>		<u>8/22/14</u>		<u>1300</u>
Received at Lab By:	<u>[Signature]</u>		<u>8/22/14</u>		<u>1327</u>
Logged in By:	<u>[Signature]</u>				

Report Narrative

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

Report Date: 9/5/2014

Page 1 of 7

HawkMtn WO #: 1408-00868
Subject Line: TTO Testing on Waste Water from Fabrication & Anodizing

N-nitrosodiphenylamine decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine. For this reason a combined result for n-nitrosodiphenylamine and diphenylamine is reported. 1,2-Diphenylhydrazine is unstable even at room temperature and readily converts to azobenzene. Results are analyzed and determined as azobenzene. The final result includes both compounds and is reported as 1,2-Diphenylhydrazine.

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Data Qualifiers:

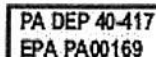
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I = Initial Calibration Verification was outside QC limits
J = Estimated concentration of an analyte between MDL (LOD) and Reporting Limit (LOQ)
K = Dissolved sample was not run because total was non-detect
L = Sample not received in proper container
M = Matrix spike recovery was outside QC limits
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R = Duplicate/Matrix spike duplicate had a relative percent difference outside QC limits
S = Surrogate out of control limits
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NA = Not Applicable

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Certificate of Analysis

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

Report Date: 9/5/2014

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Material Tested: Waste Water
Date Sampled: 08/21/2014
Date Received: 08/21/2014

Time Sampled: 12:30

HawkMtn WO #: 1408-00868-001
Sampler: CLIENT
Sample Point ID: Fabrication

Client Sample ID: TTO Testing on Waste Water from Fabrication

Test Name	Test Results	Qual	Method	Quant Limit	Tech	Start Date/Time	End Date/Time
P-Chloro-m-Cresol	<26.04 ug/l	D	EPA 625	5	GMR	8/26/14 16:15	
Priority Pollutants S Vol			EPA 625		GMR	8/26/14 14:01	
Acenaphthene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
2-Chlorophenol	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
2,4-Dinitrotoluene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Fluoranthene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Isophorone	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Naphthalene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
N-Nitrosodiphenylamine	<26.0 ug/l	N,D,X,M	EPA 625	5	GMR	8/26/14 14:01	
Phenol	<26.0 ug/l	N,D,X,M	EPA 625	5	GMR	8/26/14 14:01	
Bis(2-ethylhexyl) phthalate	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Di-N-Butyl Phthalate	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Diethyl phthalate	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Benzo(a)pyrene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Benzo(b)fluoranthene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Benzo(K)fluoranthene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Chrysene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Acenaphthylene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Anthracene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Benzo(g,h,i)perylene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Fluorene	<26.0 ug/l	N,D,X,F	EPA 625	5	GMR	8/26/14 14:01	
Phenanthrene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Dibenzo(a,h)anthracene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Indeno(1,2,3-cd)pyrene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
Pyrene	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	
1,2-Diphenylhydrazine	<26.0 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 14:01	

Certificate of Analysis

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Report Date: 9/5/2014

Page 3 of 7

Material Tested: Waste Water
Date Sampled: 08/21/2014 Time Sampled: 12:30
Date Received: 08/21/2014

HawkMtn WO #: 1408-00868-001
Sampler: CLIENT
Sample Point ID: Fabrication

Client Sample ID: TTO Testing on Waste Water from Fabrication

Test Name	Test Results	Qual	Method	Quant Limit	Tech	Start Date/Time	End Date/Time
Priority Pollutant Vols			EPA 624		JA	8/25/14 10:37	
Ethylbenzene	<0.0100 mg/l	N	EPA 624	0.0010	JA	8/25/14 10:37	
Tetrachloroethene	<0.0100 mg/l	N	EPA 624	0.0010	JA	8/25/14 10:37	
Toluene	<0.0100 mg/l	N	EPA 624	0.0010	JA	8/25/14 10:37	
Trichloroethene	<0.0100 mg/l	N	EPA 624	0.0010	JA	8/25/14 10:37	
Priority Pollutant Pest.			EPA 608		GMR	8/26/14 14:52	
Endosulfan Sulfate	<0.20 ug/l	N	EPA 608	0.2	GMR	8/26/14 14:52	
Endrin	<0.20 ug/l	N	EPA 608	0.2	GMR	8/26/14 14:52	
Endrin Aldehyde	<0.20 ug/l	N	EPA 608	0.2	GMR	8/26/14 14:52	
PCB-1016	<0.51 ug/l	N,R	EPA 8082	1.0	GMR	8/26/14 13:48	
PCB-1221	<0.51 ug/l	N,R	EPA 8082	1.0	GMR	8/26/14 13:48	
PCB-1232	<0.51 ug/l	N,R	EPA 8082	1.0	GMR	8/26/14 13:48	
PCB-1242	<0.51 ug/l	N,R	EPA 8082	1.0	GMR	8/26/14 13:48	
PCB-1248	<0.51 ug/l	N,R	EPA 8082	1.0	GMR	8/26/14 13:48	
PCB-1254	<0.51 ug/l	N,R	EPA 8082	1.0	GMR	8/26/14 13:48	
PCB-1260	<0.51 ug/l	N,R	EPA 8082	1.0	GMR	8/26/14 13:48	
Temp Upon Receipt	11.0 C			0	JZO	8/21/14 14:40	
Transported on loose ice	YES			0	JZO	8/21/14 14:40	

X - 1408-868-1 SVOCs by EPA 625 - base neutral surrogate standards were added to the samples, but not the Laboratory Reagent Blank or Fortified Blank due to technician error. All other QC requirements were within specification unless noted at the analyte level.

Certificate of Analysis

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Report Date: 9/5/2014

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Material Tested: Waste Water
Date Sampled: 08/21/2014 Time Sampled: 12:30
Date Received: 08/21/2014

HawkMtn WO #: 1408-00868-001
Sampler: CLIENT
Sample Point ID: Fabrication

Client Sample ID: TTO Testing on Waste Water from Fabrication

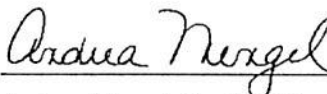
<u>Test Name</u>	<u>Test Results</u>	<u>Qual</u>	<u>Method</u>	<u>Quant</u> <u>Limit</u>	<u>Tech</u>	<u>Start</u> <u>Date/Time</u>	<u>End</u> <u>Date/Time</u>
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These results relate only to the sample noted above.

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Ronald Andrae, Technical Director



Andrea Mengel, Quality Director

HAWKMTN LABS, INC.

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

201 W. Clay Ave., Hazle Township, PA 18202
Phone (570) 455-6011 Fax (570) 455-6321

Chain of Custody

Subject Line: TTO Testing on Waste Water from Fabrication & Anodizing

Matrix: Waste Water

Work Order #: 1408-00868 Sample ID: Fabrication

Sample 001: TTO Testing on Waste Water from Fabrication

Temp Upon Receipt QC-TEMPREC 110 C
Transported on loose ice QC-ICE yes

Tech JZO JZO

Bottles: 3 glass Amber L, 625, unpreserved
4 glass Amber L, 608, unpreserved
28 Vials, 40ml HCL + 2 trip blanks

pH Cl Tech
= = JZO
= = JZO
= = JZO

Samples Intact? Y/N
Transported on ice? Y/N
COC intact and complete? Y/N
Correct containers? Y/N
Adequate samples? Y/N
Volatiles: headspace present? Y/N
Completed by: JZO
Samples/COC/Analysis agree? Y/N

Printed By:

Printed On: 8/15/2014

Approved By:

Sampling Comments:

Bottles Made By: JZO Bottles Checked By: JZO Composite Sample: Start Time/Date:

End Time/Date:

NOTES:

Headspace present in
A.B.C

Sampled By:

Relinquished By:

Received By:

Relinquished By:

Received at Lab By:

Logged in By:

Date: 8/21/14 12:30 PM
8/21/14 12:30 PM
8/21/14 1400
8/21/14 1440
8/21/14 1448

Certificate of Analysis

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

Report Date: 9/5/2014

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Material Tested: Waste Water
Date Sampled: 08/21/2014
Date Received: 08/22/2014

Time Sampled: 8:30

HawkMtn WO #: 1408-00868-002
Sampler: CLIENT
Sample Point ID: Anodizing

Client Sample ID: TTO Testing on Waste Water from Anodizing

Test Name	Test Results	Qual	Method	Quant Limit	Tech	Start Date/Time	End Date/Time
P-Chloro-m-Cresol	<11.1 ug/l	N,D	EPA 625	5	GMR	8/26/14 16:21	
Priority Pollutants S Vol			EPA 625		GMR	8/26/14 16:33	
Acenaphthene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
2-Chlorophenol	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
2,4-Dinitrotoluene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Fluoranthene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Isophorone	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Naphthalene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
N-Nitrosodiphenylamine	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Phenol	<11.1 ug/l	N,D,F,X	EPA 625	5	GMR	8/26/14 16:33	
Bis(2-ethylhexyl) phthalate	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Di-N-Butyl Phthalate	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Diethyl phthalate	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Benzo(a)pyrene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Benzo(b)fluoranthene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Benzo(K)fluoranthene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Chrysene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Acenaphthylene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Anthracene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Benzo(g,h,i)perylene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Fluorene	<11.1 ug/l	N,D,F,X	EPA 625	5	GMR	8/26/14 16:33	
Phenanthrene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Dibenzo(a,h)anthracene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Indeno(1,2,3-cd)pyrene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
Pyrene	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	
1,2-Diphenylhydrazine	<11.1 ug/l	N,D,X	EPA 625	5	GMR	8/26/14 16:33	

Certificate of Analysis

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

Report Date: 9/5/2014

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Material Tested: Waste Water
Date Sampled: 08/21/2014 Time Sampled: 8:30
Date Received: 08/22/2014

HawkMtn WO #: 1408-00868-002
Sampler: CLIENT
Sample Point ID: Anodizing

Client Sample ID: TTO Testing on Waste Water from Anodizing

<u>Test Name</u>	<u>Test Results</u>	<u>Qual</u>	<u>Method</u>	<u>Quant Limit</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
Priority Pollutant Vols			EPA 624		JA	8/25/14 10:37	
Ethylbenzene	<0.0100 mg/l	N	EPA 624	0.0010	JA	8/25/14 10:37	
Tetrachloroethene	<0.0100 mg/l	N	EPA 624	0.0010	JA	8/25/14 10:37	
Toluene	<0.0100 mg/l	N	EPA 624	0.0010	JA	8/25/14 10:37	
Trichloroethene	<0.0100 mg/l	N	EPA 624	0.0010	JA	8/25/14 10:37	
Priority Pollutant Pest.			EPA 608		GMR	8/26/14 14:52	
Endosulfan Sulfate	<0.22 ug/l	N,S	EPA 608	0.2	GMR	8/26/14 14:52	
Endrin	<0.22 ug/l	N,S	EPA 608	0.2	GMR	8/26/14 14:52	
Endrin Aldehyde	<0.22 ug/l	N,S	EPA 608	0.2	GMR	8/26/14 14:52	
PCB-1016	<0.56 ug/l	N	EPA 8082	1.0	GMR	8/26/14 13:53	
PCB-1221	<0.56 ug/l	N	EPA 8082	1.0	GMR	8/26/14 13:53	
PCB-1232	<0.56 ug/l	N	EPA 8082	1.0	GMR	8/26/14 13:53	
PCB-1242	<0.56 ug/l	N	EPA 8082	1.0	GMR	8/26/14 13:53	
PCB-1248	<0.56 ug/l	N	EPA 8082	1.0	GMR	8/26/14 13:53	
PCB-1254	<0.56 ug/l	N	EPA 8082	1.0	GMR	8/26/14 13:53	
PCB-1260	<0.56 ug/l	N	EPA 8082	1.0	GMR	8/26/14 13:53	
Temp Upon Receipt	3.6 C			0	LL	8/22/14 13:00	
Transported on loose ice	YES			0	LL	8/22/14 13:00	

X - 1408-868-2 SVOCs by EPA 625 - base neutral surrogate standards were added to the samples, but not the Laboratory Reagent Blank or Fortified Blank due to technician error. All other QC requirements were within specification unless noted at the analyte level.

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

HAWKMTN LABS, INC.
201 W. Clay Ave., Hazle Township, PA 18202
Phone (570) 455-6011 Fax (570) 455-6321

Chain of Custody

Subject Line: TTO Testing on Waste Water from Fabrication & Anodizing Matrix: Waste Water
Work Order #: 1408-00868 Sample ID: Anodizing
Sample 002: TTO Testing on Waste Water from Anodizing

Temp Upon Receipt QC-TEMPREC 3.6 C
Transported on loose ice QC-ICE yes

Tech LL
LL

Bottles: ☒ 3 glass Amber L, 625, unpreserved
☒ 6 glass Amber L, 600 unpreserved
☒ 3 Vials, 40ml HCL + 2 trip blanks

pH Cl Tech

Samples Intact?	<u>Y</u>	N
Transported on ice?	<u>Y</u>	N
COC intact and complete?	<u>Y</u>	N
Correct containers?	<u>Y</u>	N
Adequate samples?	<u>Y</u>	N
Volatiles: headspace present?	<u>Y</u>	N
Completed by: <u>LL</u>		
Samples/COC/Analysis agree?	<u>Y</u>	N

Printed By: LL

Printed On: 8/15/2014

Approved By: AD

Sampling Comments:

Bottles Made By: LL Bottles Checked By: LL Composite Sample: Start Time/Date:

End Time/Date:

Client notified of vial
headspace, client wants
sample analyzed, but

Sampled By: Carol Hacker
Relinquished By: Carol Hacker
Received By: Sheela Sanyal
Relinquished By: Sheela Sanyal
Received at Lab By: Sheela Sanyal
Logged in By: Carol Hacker

Date:	Time:
8-21-14	8:20
8-21-14	8:30
8/22/14	1230
8/22/14	1300
8/22/14	1326

Certificate of Analysis

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

Report Date: 9/5/2014

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Material Tested: Waste Water
Date Sampled: 08/21/2014 Time Sampled: 8:30
Date Received: 08/22/2014

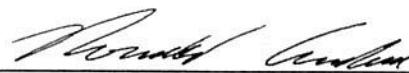
HawkMtn WO #: 1408-00868-002
Sampler: CLIENT
Sample Point ID: Anodizing

Client Sample ID: TTO Testing on Waste Water from Anodizing

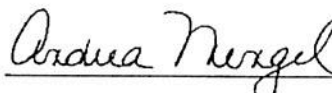
<u>Test Name</u>	<u>Test Results</u>	<u>Qual</u>	<u>Method</u>	<u>Quant</u> <u>Limit</u>	<u>Tech</u>	<u>Start</u> <u>Date/Time</u>	<u>End</u> <u>Date/Time</u>
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These results relate only to the sample noted above.

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Ronald Andrae, Technical Director



Andrea Mengel, Quality Director